

# Stravifloor Mat-F4.5<sup>\*</sup> Datasheet

Stravifloor Mat-F4.5<sub>e</sub> is a mat made of 100% regenerated crumb rubber for [impact noise isolation](#) of floating slabs and screeds.



## SYSTEM COMPONENTS & DIMENSIONS

- Mat dimension: 1 m x 13.5 m x 4.5 mm
- Pallet information: 11 rolls/pallet - pallet: 1200x800x1400 mm - 620 kg



## PHYSICAL & MECHANICAL PROPERTIES

### Mechanical properties

|  |  |   |   |
|--|--|---|---|
| <b>Max. total load</b><br>0.10 MPa                 | <b>Max. occasional load</b><br>0.25 MPa            | <b>Density<sup>(1)</sup></b><br>880 kg/m <sup>3</sup> | <b>Surface weight<sup>(1)</sup></b><br>3.96 kg/m <sup>2</sup> |
| <b>Tensile strength<sup>(2)</sup></b><br>> 0.3 MPa | <b>Elongation at break<sup>(2)</sup></b><br>> 20 % | <b>Creep rate<sup>(3)</sup></b><br>0.25 % H/dec       | <b>Cdyn<sup>(4)</sup></b><br>50 MN/m <sup>3</sup>             |

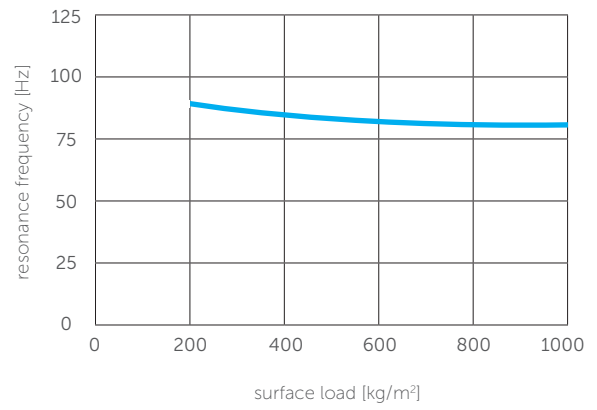
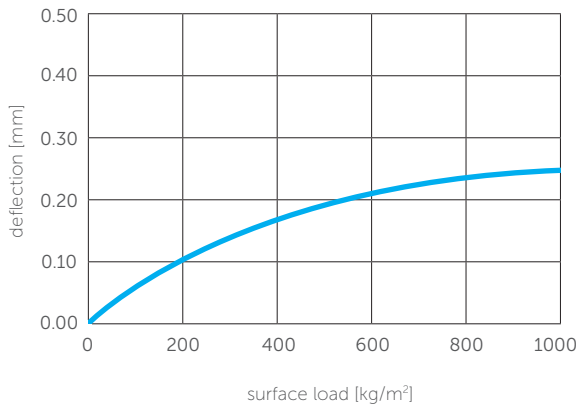
<sup>(1)</sup>ISO 845 - <sup>(2)</sup>ISO 37 - <sup>(3)</sup>ISO 8013, at 0.02 mPa - <sup>(4)</sup>EN 29052-1

### Thermal Properties

|  |   |  |   |
|--|---|--|---|
| <b>Temperature range</b><br>-30°C / 80°C | <b>Reaction to fire</b><br>Class E <sup>(1)</sup> / Class B2 <sup>(2)</sup> | <b>Thermal conductivity</b><br>0.12 W/m°C <sup>(3)</sup> | <b>Thermal resistance</b><br>0.038 m <sup>2</sup> °C/W <sup>(3)</sup> |
|--|---|--|---|

<sup>(1)</sup>EN 13501-1 - <sup>(2)</sup>DIN 4102 - <sup>(3)</sup>EN 12667

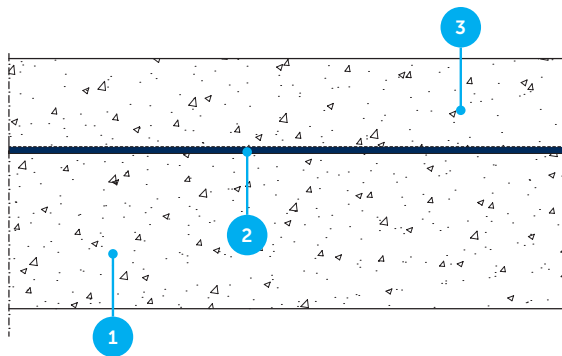
\*Previously known as CDM-MTE-4.5



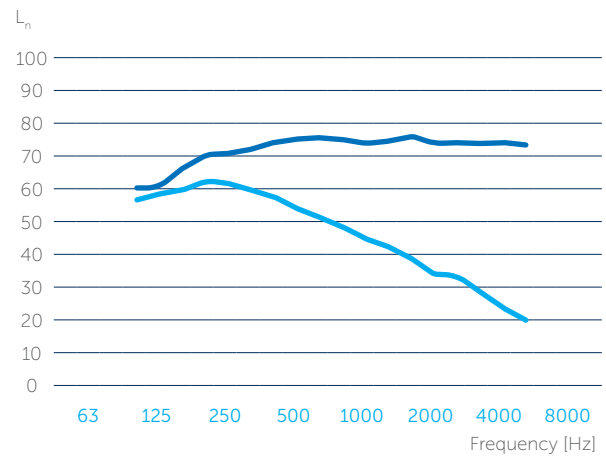
## ACOUSTICAL RESULTS

### Test Report ECO-SCAN A-2013\_EC\_21-E523-41472\_v3\_E\*

1. Standard reinforced concrete floor (140 mm)
2. Stravifloor Mat-F4.5<sub>e</sub>
3. Floating floor: reinforced concrete slab (70 mm)



\*Laboratory report available upon request



● L<sub>n</sub>  
● L<sub>n0</sub>



## DISCLAIMER

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